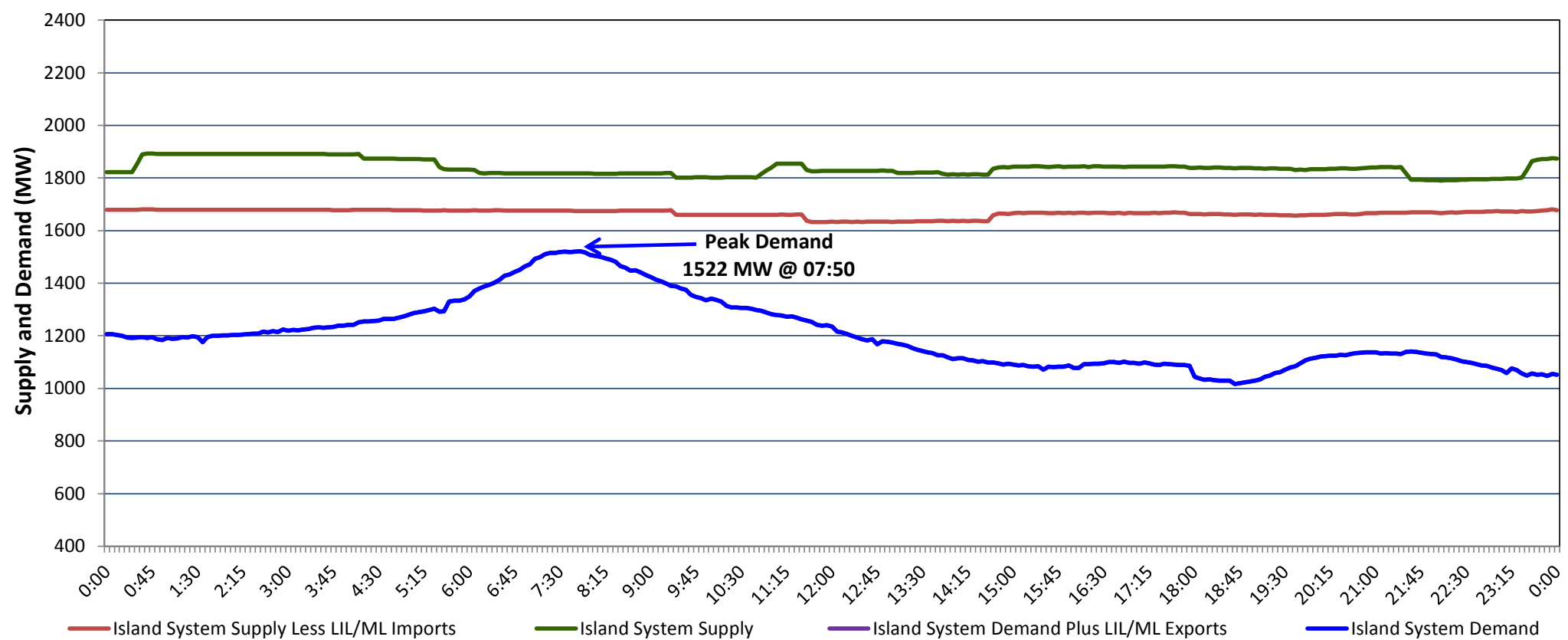


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, March 29, 2019**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, March 28, 2019**



**Supply Notes For March 28, 2019**

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- A** As of 1159 hours, March 17, 2019, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- B** As of 1426 hours, March 20, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).
- C** As of 1049 hours, March 22, 2019, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- D** As of 1103 hours, March 26, 2019, Holyrood Unit 1 unavailable due to planned outage 95 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Fri, Mar 29, 2019	Island System Outlook <sup>3</sup>		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,861	MW	Friday, March 29, 2019	-2	1	1,360	1,258
NLH Island Generation: <sup>4</sup>	1,345	MW	Saturday, March 30, 2019	2	3	1,185	1,085
NLH Island Power Purchases: <sup>6</sup>	135	MW	Sunday, March 31, 2019	3	5	1,090	991
Other Island Generation:	215	MW	Monday, April 01, 2019	6	5	1,130	1,050
ML/LIL Imports:	166	MW	Tuesday, April 02, 2019	-3	-1	1,405	1,325
Current St. John's Temperature & Windchill:	-5 °C	-11 °C	Wednesday, April 03, 2019	-1	1	1,290	1,210
7-Day Island Peak Demand Forecast:	1,405	MW	Thursday, April 04, 2019	10	1	1,200	1,120

**Supply Notes For March 29, 2019**

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- Notes:
1. Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.
  2. Due to the Island system having no synchronous connections to the larger North American grid, when there is a sudden loss of large generating units there may be a requirement for some customer's load to be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as under frequency load shedding (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
  3. As of 0800 Hours.
  4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
  5. Gross output from all Island sources (including Note 4).
  6. NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
  7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

**Section 3  
Island Peak Demand Information  
Previous Day Actual Peak and Current Day Forecast Peak**

Thu, Mar 28, 2019	Actual Island Peak Demand <sup>8</sup>	07:50	1,522 MW
Fri, Mar 29, 2019	Forecast Island Peak Demand		1,360 MW

- Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).